**ROLLER SHUTTERS**

**(1 PHASE TUBULAR MOTOR)**

**SPECIFICATION 3-1**

**Curtain**

Constructed from 76mm curved section galvanised steel laths with steel endlocks fitted to alternate laths to prevent lateral movement. The bottom rail is a galvanised steel inverted “tee” section.

**Guides**

The side guides are formed from galvanised steel channels and prepared for fixing to the opening structure by means of continuous fixing angles.

**Endplates**

Fabricated from mild steel of adequate thickness relative to door size and supplied with angles for fixing to the structure.

**Roller**

The roller is manufactured from mild steel tube of sufficient diameter and wall thickness to resist deflection and is mounted in bearings or cups on each end plate.

**Finish**

The majority of parts are galvanised with other parts prime painted. They are also available in stainless steel and polyester powder coated in a range of standard RAL colours at extra cost.

**Weight**

Approximately 35 kgs per m².

**Operation**

Electrical operation is by means of a single phase tubular motor. A safety brake is fitted to all shutters where personnel could pass underneath thus meeting all relevant Health & Safety requirements. The client should provide a fused spur within 500mm of the motor position.

**Controls**

The standard method of control is by means of internal wall-mounted push buttons. Other types of control including keyswitches and group controls are available at extra cost.

**Casings**

Coil casings fabricated from galvanised steel sheet are available as an optional extra.

**To specify state:**

**Roller Shutters shall be by**

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